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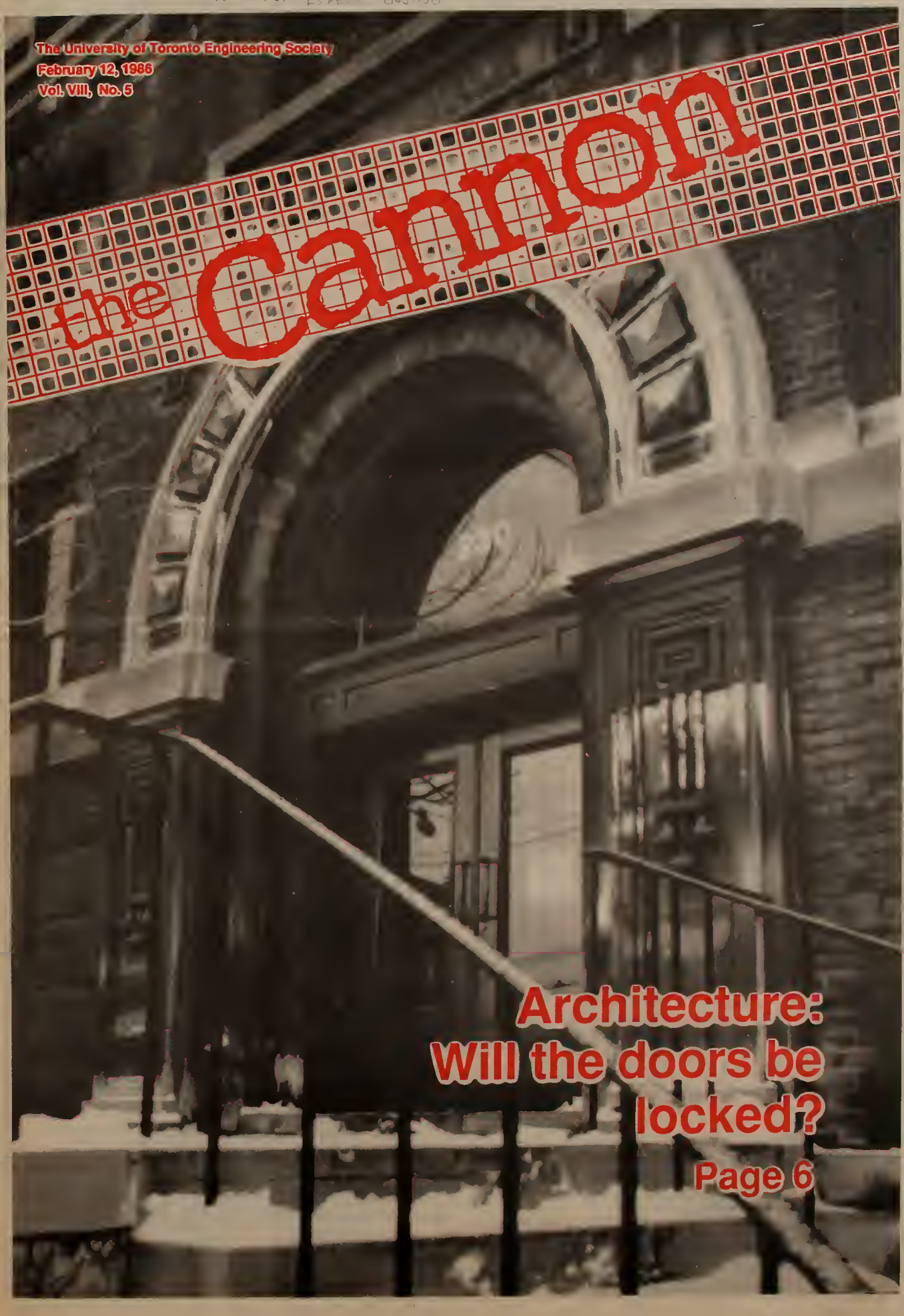
The University of Toronto Engineering Society
February 12, 1986
Vol. VIII, No. 5

the Cannon



Architecture: Will the doors be locked?

Page 6

GRAD BALL 8T6

SATURDAY MARCH 22

GRAND BALLROOM,

SHERATON CENTRE HOTEL

RECEPTION 5:30 / DINNER 6:30

eng soc events

February

Fri 14	—	Valentine's Day
	—	SUDS
Mon 17	—	Reading Week begins
Wed 19	—	Hockey - 7:30 PM Blues vs York
Fri 21	—	Reading Week ends
Tues 25	—	Eng Soc Council Meeting
Fri 28	—	Eng Soc Officer Election Nominations Close
	—	SUDS - Live Band

March

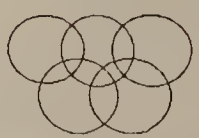
Mon 3	—	Officer Election Campaign Opens 9 AM
Tues 4	—	Committee Chairmen Nominations Open
	—	Eng Soc Executive Meeting
Wed 5	—	Officer Election Campaign Closes 5 PM
Thurs 6	—	1st Day of Eng Soc Elections
Fri 7	—	2nd Day of Eng Soc Elections

ENGINEERING SOCIETY GENERAL MEETING

Tuesday, February 25, 1986
GB 202

All full-time engineering undergraduates are welcome to come and vote

PARTY!



OLYMPICS

AT WATERLOO VS OTHER ENGINEERINGS
ON MARCH 1st and 2nd

JOIN THE SKULE TEAM

EVENTS :
1)BOAT RACING 2)SNOW FOOTBALL
3)TWISTER 4)PIZZA EATING
5)TRIVIA GAME 6)JITTERBUGGING
7)CAPS GAME 8)CENTURY CLUB

If you are interested please put your name and phone number and favourite event on a piece of paper and hand it in to Joyce in the Eng Soc

These olympics are subsidised by the blue and gold committee so costs will be minimal .Space is limited so get your name in early.

the Cannon

Editors	Tom Noble Dave Gropp
Layout	Arthur Wilson
Photography	John Rynn
Staff	Richard Gelb Tony Kasper Franco Minatel Bob Seeman
Contributors	Luis Alegre Rob Cumming Carol Low Nancy Okada
Art Director	Ingrid Ruthig
Ads Manager	Nick Iozzo

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the Cannon is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng Soc events, discuss faculty and university matters, and present technical information of interest to engineering undergraduates.

the Cannon encourages submissions; please type or print legibly. Deadline for articles and letters for the next issue is Tuesday, February 25, 1986.

Comments on *the Cannon* or articles appearing in it are appreciated. The editor reserves the right to edit for brevity. The opinions presented here are not necessarily those of the Engineering Society.

Subscriptions are available, call Joyce at 978-2917. Anyone interested in helping with *the Cannon* is most welcome.

ISSN 0711-4370

President's Message

And yet another President's message. This last month has seen the activity around the Eng Soc increase a little since exam time when everyone was worried about making it through. Now we're at a time where we can relax a bit for another month or so until we realize that we are dangerously far behind in our work.

This past month we had a very successful Cannon Ball. Daniela Duriavig, the Social Committee Chairman did a fabulous job in organizing the event. It was held at the Royal York at the same time as the Variety Night telethon in the opposite room (by coincidence). This inspired many to donate to this worthy cause. At about 11:30 pm the LGMB presented (on national television) $410! This shows that even though we do publish *the Toike* , we do have a social conscience.

SAC had a General Meeting where they radically changed their by-laws. Engineering had the largest single representation at this meeting. The major point of contention was that their by-law changes reduced the three-man ticket to a two-man ticket. I was very pleased to see that so many engineers showed up to listen and have their say about this matter. It is important to note that we were all there not to "bash SAC", but to ensure that the best interests of the University were maintained.

Finally, on matters of *the Toike* , we have received a number of complaints about the December issue. Along with the Communications chairman, John Rynn, and *the Toike* publisher, Jeremy Bateson, we have come up with various courses of action we could take to maintain a high level of humour of *the Toike* . Firstly, the editor of the last issue will not be editing any more *Toike*s . Secondly, from now on *Toike*s will go past the Eng Soc Prez's desk before going to the publishers. *The Toike* is read by about 16,000 people on campus, when there are only about 2,700 engineers. Therefore, we know we are providing a worthwhile community service.

As a closing remark I would like to quote a friend of mine from Arts and Science who will remain anonymous. He said, "[*The Toike* is] the only thing that is sane on this campus! We need a humour magazine like *the Toike* ".

We in the Eng Soc agree.

Students Want Cheap PCs

By Rob Cumming

Why did the Engineering Society initiate the computer survey that was sent to all Class Reps during the last week of January? This is a good question considering the amount of interest that the survey generated.

The answer to the question is quite simple— price appears to be a significant barrier to student purchases of microcomputers. Most students can't afford to buy an IBM PC or an Apple Macintosh, and yet most students would like the convenience of having a computer at home for homework, word-processing and for idea development. This basic conflict generated an idea that perhaps the Eng Soc could identify a powerful and inexpensive computer, and make it available to our students through an existing retailer at less than market price.

The Eng Soc would merely be providing the service of arranging a discount for those students who desire an inexpensive computer. This service should in no way be construed that the Eng Soc believes that engineering students should buy any particular computer. If a student can afford an IBM or an Apple, there's likely no better place to but one than from the U of T Bookroom's Computer Shop (they already provide good discounts for students). If one wanted to buy an IBM compatible, they have them as well. If one wanted a modern $1000 computer, the Computer Shop would be of no help, and one would have to buy either a no-name IBM clone or a computer such as the Atari 520 ST.

Whenever price is a limiting factor, tradeoffs have to be made. The no-name IBM clones can be purchased with some options included for under $1000. The tradeoff here is a risk on the quality of the components, and risks on manufacturer support as well as the availibility and cost of repairs. These concerns are not trivial, although some people are completely satisfied with their clones. Additionally, the clones need extra boards for memory, modems and hard disks which can push up the cost of the basic system if you expand to greater heights of computing sophistication.

The Atari 520 ST is in a class of its own right now. Its M68000 CPU is both fast and powerful when coupled with the system's 520K RAM memory. The computer comes complete with a mouse, a 360K single sided disk drive (720 K are also available) and a high resolution monochrome monitor. Additionally, no cards are necessary for add-on hardware. What really puts the Atari in its own class, however, is that the whole system costs about $1200. No comparable system can be had for such a low price. One of the trade-offs with the system, however, is that it is not IBM compatible. This is not necessarily a problem for students since most types of software are now abailable for the Atari or are being developed. However, if you are using IBM software provided by your professors for assignments, you're out of luck if one wanted to use it at home on your Atari.

If you want an Atari 520ST, the Engineering Society is willing to help you get a discount if a sufficient number of students are interested.

What do we do next? If you're interested in the possibility of buying an Atari 520 ST for $1000, write me a note saying so, include your name and phone number and drop it in my mailbox (ie. the treasurer's) in the Eng Soc by Friday Feb. 14. This is not a committment to buy, but I need around 60 or so interested people before I can start looking for a discount. Information on the 520 will be taped to the Secretary's door in the Eng Soc.

As a postscript, if numbers warrant, we can investigate any other computer as well. After all, we're here to provide a service to those whose needs we can identify.

John Labatt CLASSIC
John Labatt CLASSIC
NAME: Rick "Spud" Kemp
FACULTY: Engineering.
AMBITION: To be recognized as the gentleman and scholar that I am.
FAVOURITE MUSIC: We are, we are, we are the Engineers...
FAVOURITE MOVIES: Anything with Marlon Brando or Bugs Bunny.
FAVOURITE BOOKS: Road & Track, Car & Driver, high-gloss anatomy manuals.
FAVOURITE HOBBY: Frosh-bashing, Dungeons and Dragons.
BIGGEST SURPRISE: Finding out that my girlfriend liked me.
Classic Characters.
SECRET AVOCATION: Ergonomics and Eco-Systems.
FAVOURITE BEER: John Labatt Classic. It tastes great. Besides, the colour of the label goes with my hardhat.
JOHN LABATT CLASSIC
YOU'LL FIND YOUR OWN REASON.
Krausen brewed in small batches, one of the longest aged beers in the world.

Nominations

for Election

of Engineering Society

Officers open

February 10

"Job Search Techniques for Graduating Engineers" Seminar

Mon. Feb. 24 2-5 pm
Wed. Feb. 26 2-5 pm

Sign up at the On-Campus Recruitment Desk in the Career Centre

editorials

Architecture: Sold For Scrap?

The university administration's recent announcement of their intention to close the Faculty of Architecture by 1990 sets a dangerous precedent. The proposed motion, to be brought before Governing Council at their meeting on Feb 20, elevates the ravages of the rampaging monster of underfunding from the mere cutting of courses to the summary execution of entire programs. One wonders where it will all end.

It is very difficult to determine the exact reasons behind U of T President George Connell's announcement. Connell and his colleagues have maintained a Sphynx-like silence since the Jan 23 press conference, while the students, staff and alumni of Archtecture attempted to carry out a one-sided debate in support of their faculty. The concensus arrived at seems to be that the proposed closure is the result of three main problems: a shortage of funding, the lack of a permanent dean, and the existence of idealogical disputes over teaching methods among faculty members.

The underfunding argument, while trendy, is insufficient in itself to justify the end of 96 years of architecture education at Canada's largest university. What faculty or department hasn't felt the squeeze of underfunding in recent years? What attempts have been made in Architecture to raise the capital necessary to alleviate its financial problems? Has a concerted effort been made to elicit funds from alumni? Have the students been asked to contribute (through an incidental fee such as we have in Engineering) to save their faculty? Have local architecture firms and contracting companies been approached for corporate grants? Has the university administration been effective in lobbying the provincial government for funding?

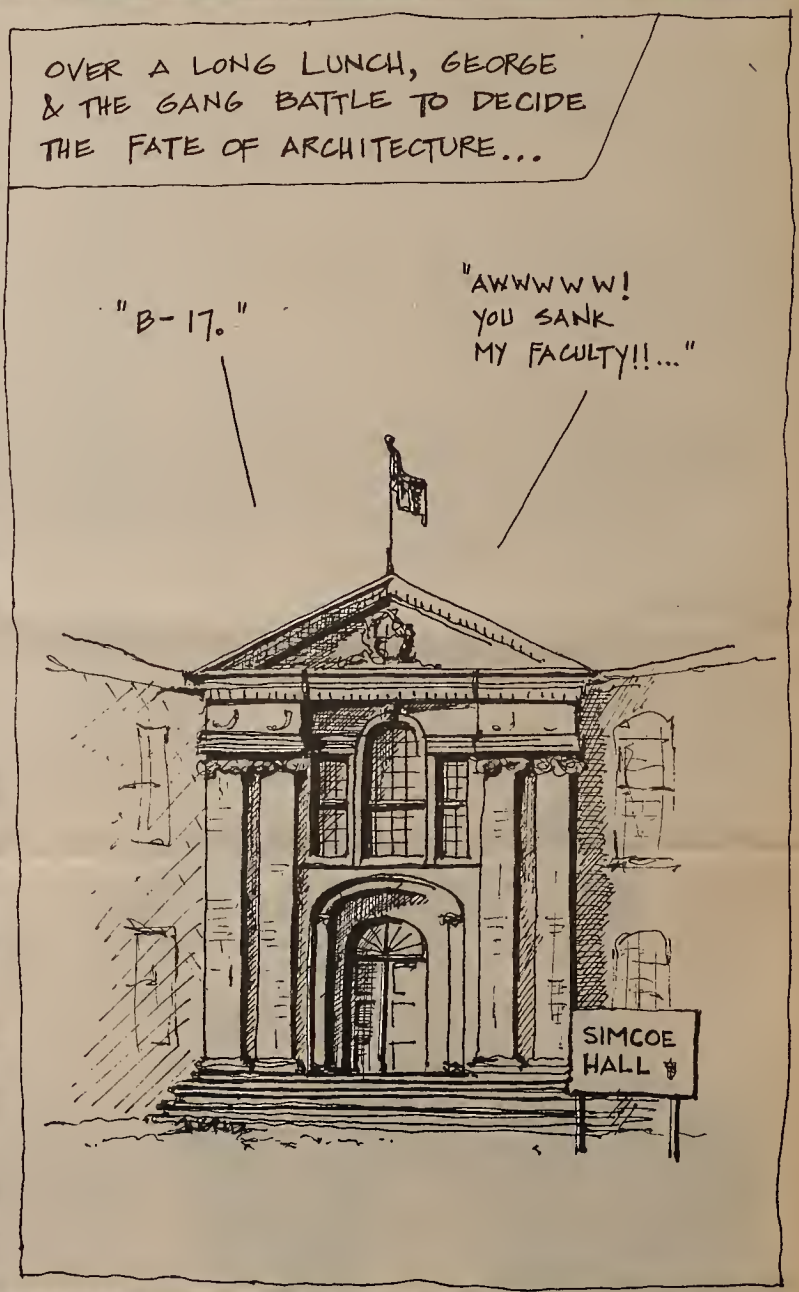
These questions remain as yet unanswered.

The lack of a permanent dean since 1981 has certainly had an adverse effect on the faculty. Temporary deans appointed since then have, by virtue of the fact that they are temporary, been unable to institute the long-term programs required to return Architecture to its former respected position as one of the finest programs in North America. In addition, the uncertainty surrounding the school has made it next to impossible to canvas successfully for funds. Clearly, a permanent dean would be able to establish a secure academic and administrative environment which would once again inspire the confidence of the students and the university administration. Such continuity in the Office of the Dean would solve many of the faculty's problems.

Last year, the Decanal Search Committee approached two very qualified candidates in regard to filling the post. However, both offers were rejected when the university administration refused to invest the minimum amount of improvement capital stipulated by each applicant. Therefore, the dean's post remained vacant. It seems as though the administration was unwilling to suffer short-term pain for long-term gain.

Much of the idealogical infighting within Architecture, touted by many as the heart of the faculty's problems, is, in fact, only part of the periodical process of self-examination experienced by all academic institutions. It is, in fact, a symptom of health, not disease.

In the end, the question that must be asked is: should an institution with an international reputation such as U of T (The Harvard of the North?) offer a degree in architecture? We would say yes.



letters

Not All Engineers Turds

To the memebers of the Engineering Society:

Regarding the full-page reprint of my letter to *the Gargoyle* on *the Varsity* referendum, I think several things are worth clarifying. Nowhere in the letter does it state that all engineers are turds. What it attempted to say, and I guess not very clearly, was that those engineers who voted "No" without considering the real issues were turds. It was a flip comment, designed, not to be anti-engineering, but to be pro-UC (rah, rah!).

To say "Western Sucks" is not to insult each individual that goes to the University of Western Ontario; it is to rally support behind U of T. The letter in no way reflected, as I tried to explain to *the Cannon* reporter, either my personal opinion about engineers, nor Varsity policy regarding the coverage of engineering events. In signing my letter "*Varsity* Associate City Editor", I meant to officially thank the students at UC, not officially attack any member of the university community. I regret the vagueness of this letter; it was intended to praise, not criticise. The implication that the letter in any way compromises our journalistic responsibility, as *the Cannon* accuses, is, I think, a bit extreme.

Richard Ellis
Associate City Editor
The Varsity

GC Elections

Like thousands of other students at U of T, you've probably never voted in Governing Council elections. On February 19, 20 and 21, ballots will once again be mailed out, and I would urge you to vote for your student representatives. Governing Council is, indeed, the highest governing body of the university.

As you may have

opinion

Soc Prez Holds Pow-wow

Tony Kasper
At Eng Soc

February has arrived! Ya know what that means? All the Eng Soc hacks can be seen jockeying for position for the elections in March.

But it's not only the Eng Soc hacks who have started to make their presence felt. The day of the SAC General Meeting saw the appearance of Artsie Politicos John Canning, Barry "The Bopper" Appleton and Art Wilson around the Eng Soc. These three didn't pop in to join the LGMB or to ask when the next Toike is coming out. Their pow-wow with Soc Prez Luis Alegre (the guy with MEX ENG on his jecket) *could* have been to discuss the SAC By-law amendments, but I wouldn't be surprised if the three Artsmen drop in again before the SAC elections.

On the subject of the SAC By-law amendments, the vote was taken on the motion to have a two-man ticket (Don't worry about *Otherwise*, Mr Editor) [Hey, Tony, I don't want no trouble. Better make that a two-*person* ticket—Ed.] instead of a three-man ticket [Tony, I thought we talked about this!—Ed.]. For those who care, the Eng Soc hacks were split on the issue, as were a crew of "warm bodies" who were dragged along.

Those who preferred the three-person ticket [That's better—Ed.] tended to be engineers who feared that eliminating the third person mean eliminating the engineer or ProFac rep on the ticket. (By law, the three members of a SAC ticket had to consist of a Professional Faculty student, a suburban student and a downtown Arts and Science student).

A lot of the "warm bodies" dragged out to the meeting seemed to be frosh, and a lot of them seemed to be in favour of the three-person ticket. So I guess what follows is directed to them.

You were in favour of a three-person ticket. Why? Because you were worried about Engineering losing its high-level voice at SAC. But such reasoning implies that if there were an engineer on a SAC ticket, we should do our damndest to get him or her elected. After all, who would be better in looking after the interests of Skule than a Skuleman/woman. I recall that I used to subscribe to that theory when I was a frosh, too.

In the SAC election when I was in first year, the Greg Schiller ticket (which included an engineer) was an also-ran in a field of four. In that election, the Skule vote was split pretty equally, with perhaps a bit more support thrown behind second-place finisher David Fulford than winner Mark Hammond. This showed me something: Skule's interests might be better served by someone other than an engineer. But maybe that year was a fluke, right?

In my second year, the Bob Jones ticket (which included engineer Neil Henderson) ran against Forester Goldie Powell's ticket. More engineers voted for Powell than Jones. Thus for the second year in a row, Skule failed to rally behind an engineer. (This may have been due to the fact that the Powell ticket was perceived to be Services-oriented, while the Jones ticket was more Political (read also Leftist) in nature).

Last year's SAC election offered a choice of two engineering candidates: one on each of John Canning's and Al Smith's tickets. So who do you suppose did that year's Eng Soc Prez (and also this year's VP Activities) support? One of the tickets with an engineer? Nope. Scott Burk's ticket (which included a Jock as ProFac rep) got the nod.

As frosh, you are no doubt unaware of previous SAC elections, but answer me this. Given that when we have a chance to elect an engineer, we sit on our hands, why should we fight for the representation that the third person (the engineer) is supposed to give us?

It's about that time of year for a lot of annual events.

Up there on the list of concerns of fourth year students is the Grad Ball. It will be held on Sat. March 22 at the Sheraton Centre Hotel. It will start with a reception at 5:30 pm followed by dinner at 6:30. Tuxedo Royale will come to Skule to do the fittings for the tuxes and they will offer a discount.

Still on fourth year events, an Alumni representative, Martin Ecsedi (7T6), will speak about the formation of a permanent executive for the class of 8T6. The permanent executive os responsible for representing the class to the Alumni and organizing class activities (reunions, smokers, homecoming, etc.).

If you are interested in any of these types of activities, then come out to this informational meeting on Wed. Feb. 12 in SF B740 at 5:00 pm.

Another annual event, Skule Nite, produced by Ron Dizy, is rapidly approaching. If you didn't order tickets from your class rep, you can pick some up when they go on public sale.

Richard Gelb
At SAC

How To Be An Informed Voter

Now that all the hubbub over SAC's Annual General Meeting and the 2 man ticket has died down (or at least displayed signs of impending rigor mortis), it is time to get down to the business at hand — elections. In the near future, probably as early as next week, you will be accosted by budding campus politicos who will want your vote. In return for your vote these "politicians" will promise you that they are the only one who can save U of T (or Engineering or SAC or Governing Council or your class or...) from Group X and Faction Y. If you're lucky they may even promise regular sex for all engineers. They are probably not lying but like so many of us (even moi !), they have an overblown sense of their own importance and ability to bring about change; at the very worst, they are just naive. Organizations like Eng Soc, SAC, Governing Council, etc. are composed of sixty or more individuals and your representative has only one vote.

Well then Richard, how do I, the enlightened engineer, go about casting my ballot intelligently? Glad you asked! While there is nothing wrong with voting for a bright-eyed, bushy tailed aspiring politician with dreams of universal happiness and harmony, you should check if this individual has at least a toehold in reality. Should this candidate actually bother to take the time to visit your class, ask them a few questions. Make sure the candidate has at least some knowledge of the organization they plan to run for. Find out why this person is running. How will Engineering as a whole benefit from their election? Does this person seem to pad their resume? Does this person have any close personal ties to Ferdinand Marcos? These and other questions may be important to you. Also, if at all possible, heckle the individual and see how they respond under pressure.

Having myself been elected a few times, I know that one very easy way to get into office is to slam the organization you plan to run for. SAC-bashing is great fun and should be encouraged, but Eng Soc bashing is a definite no-no. Of all the numerous campus organizations I have come across, Eng Soc is by far the most effective. Many individuals willingly sacrifice their averages to make your four (five? six?) year stay in Engineering as pleasant as possible. Traditionally, Engineering reps have provided the best representation on campus. Your continued interest and support will keep us on top of the campus.

Bob Seeman
Ain't Here

guessed, I am a candidate in the Governing Council elections (constituency II - professional faculties). As a first year law student, and previously during my undergraduate years, I have spent a lot of time, as a reporter for *the newspaper* , talking to people from all over the university "covering" many aspects of and events at U of T. I have also dealt with the administration, as a representative on the General Committee of Arts and Sciences. I think I have a "feel" for the university.

I don't expect to make revolutionary changes in the university, but I would like to work towards a vision of the university as a dynamic place, where academic excellence is a priority, and where students from all over Canada, and the world, can meet to exchange ideas.

Soraya Farha
Law I
Governing Council Candidate

GC Elections II

Fellow Students,

Once again Governing Council election time is upon us, and I would like to encourage everyone to vote. The Governing Council is the University's most powerful body, being responsible for all major financial and policy decisions. And since there are only eight students on the fifty member council, every student governor is important in defending student's interests.

This year I have the privilege of being the only candidate from Engineering to seek election in the Professional Faculties full-time undergraduate constituency. Last year, three of the five candidates were engineers; and despite that engineers cast half the ballots, no engineer won. We are the largest professional faculty, yet we have been deprived of our traditional representation. This election, seven candidates are running for the two ProFac positions, so it is vital for all Engineering students to take the time to vote.

During the past two years I have served as a Faculty Council class rep, and this year I sat on GC's Research and Academic Services Subcommittee. My experience has taught me that hard work and a positive attitude is the best way to gain credibility with the university administration.

Voting is conducted through the mail, with ballots being sent out during Reading Week. They must be returned to Simcoe Hall room 106 by noon Tuesday, March 11th. Again I wish to stress the importance of this election to urge everyone to vote.

Mike Bilaniuk
Elec 8T8
Governing Council Candidate

No VP Services for SAC

I write this letter in response to your editorial in the Cannon of Jan 15 ("Psst, Wanna Buy A Used VP?"). Although this is a post facto argument, I feel compelled indicate a major flaw in your argument in favour of a Vice-President Services at SAC. The only logic that you gave in support of this idea

Cont. on page 11

features

Debate Rages Over Faculty Closing

Over the last 20 years, the Faculty of Architecture has seen many problems and numerous changes, yet the recent administration proposal to close the faculty has levelled the greatest shock of all.

In a school meeting held Jan 23, U of T President George Connell stunned both staff and students with a blunt announcement suggesting that the 96 year-old faculty be closed.

While not disclosing details, Connell cautiously pointed out that faculty funding had been a serious concern and was a major issue in the proposed closure. He insisted, however, that the closure was neither "purely a financial nor purely an academic matter."

Maclean's magazine recently carried a full-page article covering the Faculty's dilemma, in which Daniel Lang, an Assistant Vice-President of the university suggested that the closure was essentially an underfunding issue.

"When the university began to be underfunded, we tried to parcel out the hurt equally," he said. "But underfunding has kept up year after year and we had to make the lamentable choice to protect parts of the university at the expense of others."

Opponents to the closure are angered by the vague reasoning given by the administration. Many worry that the real issues behind the closure will be lost in the shuffle as the Faculty becomes a pawn in the university underfunding debate.

The provincial government, however, has made it clear that it will not step in and contribute more funds to keep the Faculty open.

Bob Richardson, legislative assistant to Minister of Colleges and Universities Greg Sorbara, said that government intervention in the issue would "set a really bad precedent, perhaps to encourage other universities to close programs in order to push the government to come up with money for them."

As the Faculty of Architecture draws only $1.85 million of the $365.4 million university budget, opponents to the closure argue that financial considerations are of minor importance. They maintain rather that the administration lacks the determination to solve some of the faculty's more pressing problems in order to keep it open.

Much publicity in recent years has centred upon the internal ideological disputes that have divided the school. Most students and faculty believe, however, that the situation has improved, and that concerns of this nature are minor.

Recent controversy over the student boycott of balloting for studio options was not a concern in the administration's decision, says Dr. Jane Foley, Provost of the University.

"The major problem," says Architectural Students Union President Ralph Giannone, "is a lack of leadership within the faculty. We haven't had a permanent Dean since 1981."

Last year a Decanal Search Committee had approached two applicants for the position. Both, however, declined the post when the university administration refused to provide the Faculty with funding that each had requested.

To Architecture's students and staff, the proposal to close the school is bewildering. All admit that though there were major problems in the past, the situation is much improved.

Critics of the decision claim that the administration's proposal is unwarranted. They believe that the closure comes at a time when problems facing the faculty are being solved.

"It's hard to believe that the administration is stepping in now when things are improving. We've come a long way on our own, and now they want to close us down." says Mr. Giannone. "We're not even certain why Simcoe Hall wants the faculty to close. They've been very vague."

Details of the proposed closure are as yet unreleased. A report outlining the university's position is expected to be made public five days before being tabled at Governing Council's Academic Affairs Committee meeting on Feb. 20.

Until then, observers say, there is little more that faculty supporters can do.

One Hundered Years of Architecture

1890 •Department of Architecture opens as part of the Faculty of Applied Science and Engineering.

1948 •Architecture splits from the School of Practical Science to become the Faculty of Architecture.

1967 •Department of Landscape Architecture opens as part of the Faculty of Architecture.

1968 •Traditional curriculum format of lectures and tutorials replaced by "the New Curriculum" under direction of Faculty Dean, Peter Prangnell. The new format relies heavily upon subjective marking by professors — only pass/fail grades are given. Many believe that the new design-oriented teaching style will put the school "on the forefront of a new architecture."

83/84 •Student/Staff relations reach all-time low due to the "new curriculum". Students claim that the system allows tutors to "favour a chosen few" while neglecting others.
•Students circulate petitions questioning the competence of the teaching staff.
•Administration cuts Faculty's budget by approximately $270,000 (15% of total budget).
•Simcoe Hall threatens closure of the Faculty.
•Temporary Dean, Jacob Spelt is appointed. The search for a permanent Dean begins.
•Teaching staff "reviewed". Established local architects fill positions left vacant as part-time staff. At year's end, student/staff relations are much improved.

84/85 •Temporary Dean, Peter Wright is appointed.
•The Decanal Search Committee approaches two applicants for position of Dean. Both, however, refuse the appointment because the administration won't meet their minimum budgetary requests.

85/86 •Chairman of Department of Architecture resigns saying "I'm sick of holding this Faculty together with string and bubblegum." Doug Lee fills the vacancy.
•Third & fourth year students boycott signing up for option studios on grounds that they are inadequate.
•Administration promises new Decanal Search Committee.
•Students circulate petition of non-confidence in Faculty leadership with near unanimous support from both students and staff.
•Administration announces intent to close Faculty.
•Doug Lee, Chairman of Department of Architecture resigns.

1990 •Faculty celebrates centennial.
•Faculty closes?

Communication Skills Important – Employers

By Nancy Okada
The Career Centre

What are employers saying about this year's graduating engineers? While some have indicated that U of T engineers have a number of fine qualities to offer, others have been compelled to comment on areas which could be improved.

Listed below are some positive comments made by employers while recruiting 1986 engineering graduates on campus:

Students were well prepared for their interviews. They were familiar with the interviewing process either through preparation at the Career Centre or else through their own experiences. Many had made the effort to research the company and position before the interview. (Nothing is more evident to and interviewer than a candidate who has not read the company literature and/or attended a company briefing session).

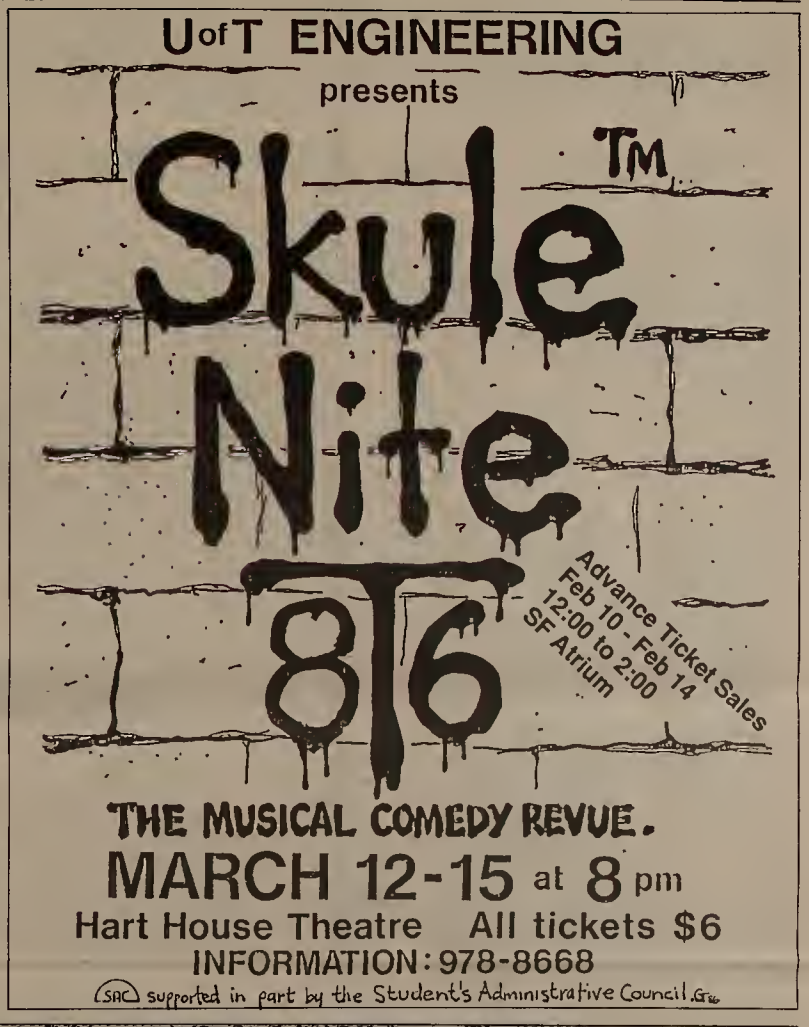
Academically, engineers are graduating from specialized programmes that offer a great deal of flexibility in terms of job prospects. For instance, an employer who traditionally recruited electrical engineers can no longer overlook the mechanical engineer whose option qualifies him/her for the same position. On the subject of options, the faculty offers a number of options which have made their graduates very desirable. The On-Campus Recruitment Programme has already hosted two American companies in pursuit of electrical engineers with the highly-sought power option.

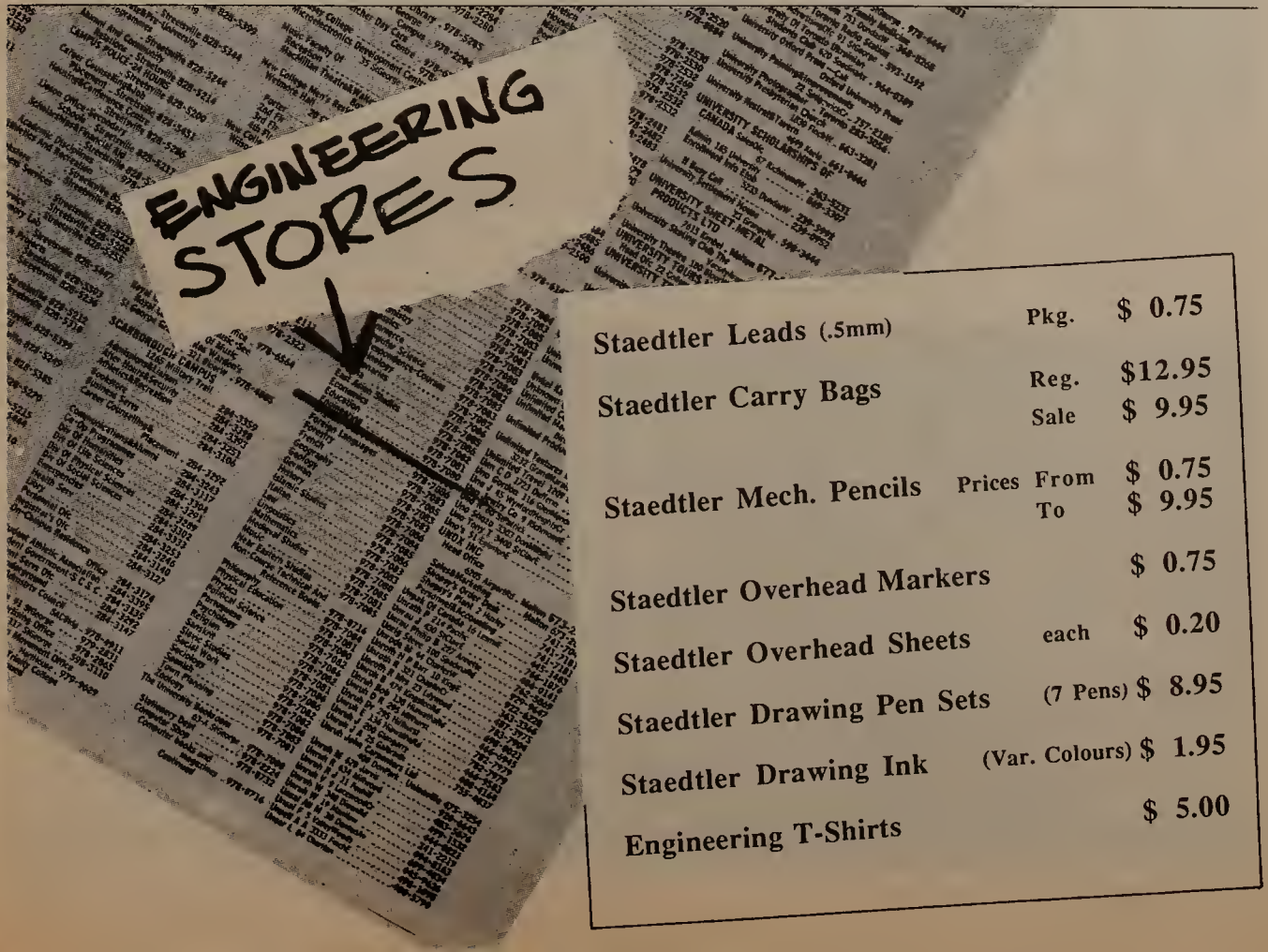
What areas then, do employers feel students should concentrate on?

It is imperative that students have strong communication skills both verbally and in writing. Many of the positions offered to graduates are at the supervisory or managerial level, therefore requiring them to be effective communicators.

It has also been suggested that students broaden their summer work experience to include employment in an industrial setting, particularly if they are considering employment in the private sector upon graduation.

For the most part, feedback from recruiters has been favourable. As long as the calibre of students continues to impress them, they have assured us that they will continue to include the University of Toronto in all their future recruiting campaigns. Keep up the good work!




ENGINEERING
STORES
Staedtler Leads (.5mm) Pkg. $ 0.75
Staedtler Carry Bags Reg. $12.95
Sale $ 9.95
Staedtler Mech. Pencils Prices From $ 0.75
To $ 9.95
Staedtler Overhead Markers $ 0.75
Staedtler Overhead Sheets each $ 0.20
Staedtler Drawing Pen Sets (7 Pens) $ 8.95
Staedtler Drawing Ink (Var. Colours) $ 1.95
Engineering T-Shirts $ 5.00

sports

On The Court, On The Ice And In The

By Carol Low
EAA Publicity Director

With just over a month remaining in the winter athletic programme, many Skule teams are looking forward to playoff action. With a bit of luck, Skule may end up with quite a few champions.

To celebrate our anticipated championships and to recognize all of our dedicated athletes, the Engineering Athletic Association annually holds the S-Dance (S as in Skule, doncha know!). Along with the awards presentation, we'll also be offering a complimentary buffet and dancing (to music provided by DJ Mike Gardner). All Skule athletes will be receiving personal invitations along with tickets. Complimentary tickets may also be obtained from the Engineering Stores. Watch for future details!

In connection with the S-Dance, all athletes should fill out an S-Point form. List all sports in which you have participated from first year to the present. Each sport is worth a certain number of S-Points and a total of 15 or more points entitles you to a chenille "S", the Skule letter. Details are available at the EAA office in the Eng Soc. If enough people in your class have participated in athletics, we have a special class award for participation. So, fill out the forms and return them before Feb 14th.

There are two tournaments sponsored by U of T's Department of Athletics and Recreation coming up. They are:

(1) Doubles Badminton on Fri Mar 7. (Sign up at 1:00 pm on Tues Feb 25 at the Board Room, Athletic Centre), and

(2) Co-ed Superstars on Tues Mar 11. (Sign up at 12 noon on Tues Mar 4 at Room 2007, Athletic Centre).

The following reports give details on each of our Engineering teams.

Men's Athletics:

Hockey

With the season coming to a close, the Engineering A team finds itself in a close battle for first place, while the B team struggles for a playoff spot.

The Engineering B team has two games left against two of the stronger teams in the league, but with playoffs on the line the B's should come out on top.

Outstanding players to date for the B's include the line of Dave Ito, Dave Varriano and Mauro Facca, defensive stars Nick Valettas, Tony Miclaucic and Peter Moylan, while solid goaltending has been provided by the tandem of Al Koivu and Jon Douglas.

Success is the word that best describes the season of the Engineering A (Div I) team. Recently in the Guelph Engineering Invitational, the A's outscored their opponents 30-1 to win the tourney. Victories over Western (7-1), Carlton (12-0) and Guelph (10-0) got the team to the championship game where they defeated McMaster 1-0 in a hard-fought battle. Of the 30 points scored in the tournament, Ed Strohs accounted for 17.

The team travels to McMaster on Feb 14, and to Queen's in March for similar tournaments.

To date in divisional play, the A's boast a 9-2-1 record.

good enough to remain just a single point behind league-leading Scarborough.

Several players have contributed significantly to the team's success. Ed Strohs has come to life after a slow start to the season. Linemates Paul Hamel and Luc Masella have likewise started scoring. Consistent strong efforts from John Thorpe and Mike Flahertv give the team depth, while all-purpose men Jamie Hidi and Tom Selby have provided much more than simply outstanding performances. The strong defence of the A's has been provided by the likes of Jeff Lockhart, Fred Pulver and Nick Popoff, backed up by the solid goaltending of Ed Miller and Tony Natale.

Team coach and captain Tom Chesser predicts a successful climax to the best season of an Engineering hockey team in years.

The best of luck to both teams in these closing weeks. Future game for the A's: Feb 26 vs Erindale at Varsity Arena. Future games for the B's: Feb 12 vs Erindale and Feb 24 vs Devonshire (both games at Varsity). Fan support would be greatly appreciated.

—Tom Chesser

Volleyball

All three men's volleyball teams are nearing the end of their seasons with a good chance of moving into the playoffs. The division I team is presently in second place with a won/loss record of 5-2. If the team plays well in the remaining two weeks, we could wind up in first place, which would lead to an easier playoff schedule.

The Skule II team also has a record of 5-2 and Coach Mike Wald expects big things from his squad. With a few rookies on the Div II side, the team really has performed well. With a little luck their record would be 7-0.

The Engineering III team has encountered some problems this year with player turnout, but still sports a 3-4 record. A win in the final regular season game would even their record, and possibly earn them a playoff berth.

With a good chance of all three teams making the playoffs, this has been one of the best years for Engineering volleyball in recent history. If all goes well, we could have another engineering championship team from Skule's spikers.

—Ken Duffy

Squash

With four weeks left before the end of the season, the Engineering Squash team continues to battle for the glory of Skule on the courts. Thanks to all players for getting up for all those 7:00 am matches. Keep up the good play.

—F. Van den Bosch

Basketball

This year's basketball season is quickly nearing the end. Playoffs are coming up and it appears that only the Division I team will be seeing post-season action. Sporting an 8-4 record, the Div I team has two regular season games remaining, one against the powerful Grad team and one against Meds. The Div II and III teams have not fared as well, but with their improved play of late, they can expect to set higher goals for next season.

—Brian Lemay

Waterpolo

The waterpolo season is going quite well in terms of participation and team development. We have two strong teams in Divs I and III. Our Div I team has a record of 0-3 but we are improving each game and our first win is only a matter of time. In Div III, our team sports a more promising record of 1-2.

Some hot players who deserve attention are Richard Cobden and Geoff Mitchell in Div I, and Peter Rijan and Paul Hamel in Div III.

Both teams can expect a few wins in the future which should be enough to carry us into the playoffs that begin in early March.

—Oswin Hall

Water, Skule Athletes Head For Playoffs

Women's Athletics:

Hockey

Skule's two entries in the Women's Interfac Hockey League are both sporting winning records. With four games left before the playoffs, coaches Paul Shindman and Jon Douglas are getting their collection of veterans and rookies ready for post-season play.

Goaltenders Judy Wilson and Janet Porter have several shutouts between them, and the team's offensive punch has been tough on the opposition.

Both teams are looking forward to some fan support come playoff time — so keep your eyes out for schedules posted on the EAA events board.

—Paul Shindman

Volleyball

The women's volleyball team has been very busy since the fall trying to rebuild our Div I team. The majority of our players are competing in Div I volleyball for the first time, with the guidance of our coaches and a few veterans. We have won many individual games but only a few matches. This is reflected in our win/loss record, and is due to the fact that we have lost many matches in the third and deciding game (all of which were very close). Between now and the end of the season, we will be facing the toughest teams in the league in what we are confident will be very close and exciting games.

—Sherry Weaver

Squash

So far this season, the Women's Engineering Squash Team has played very well. Though the team standings have not been posted yet, the team should be placed at or near the top of the list. We have had many match victories and, to date, have not defaulted any games (a record that cannot be matched by many other teams).

This year, we also have some team members who are learning to play the sport for the first time. Many of them show a lot of enthusiasm and natural talent for the game and hopefully will develop a genuine interest in it. The team will certainly be needing their support in the years to come.

—Helen Helson

Co-Ed Athletics:

Volleyball Tournament

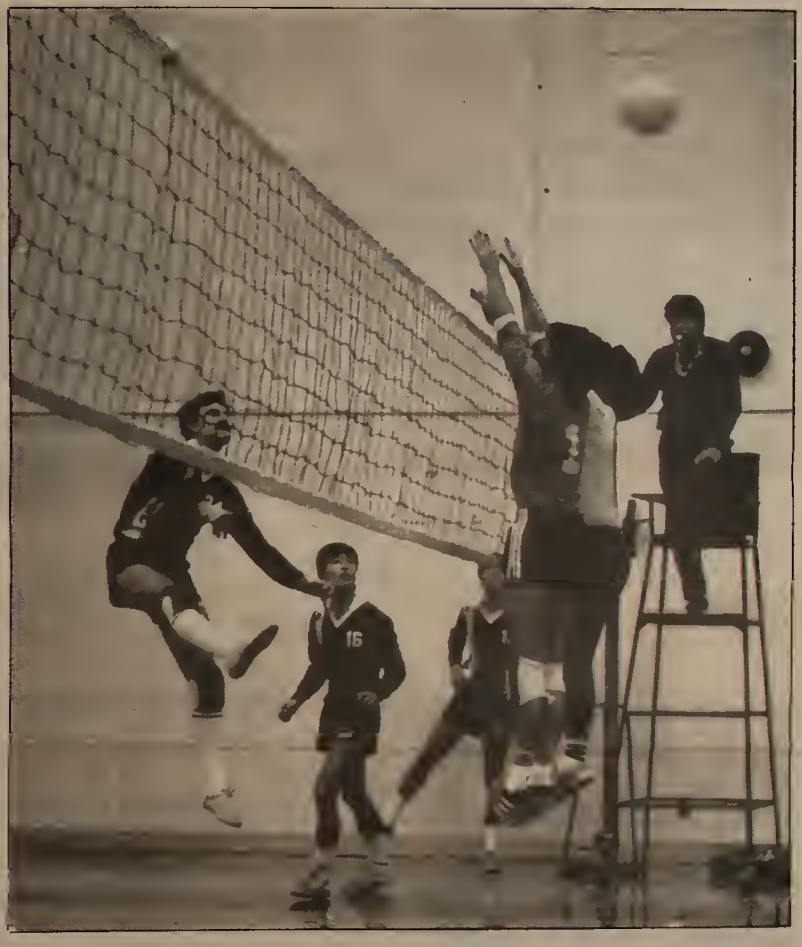
On Sat Jan 25, the Engineering Co-ed Volleyball Tournament was held at the Faculty of Education Building.

The winners of the four pools were Chem 8T6, Eng Sci 8T7, Civ 8T8 and Ind 8T7. Tough Luck Award of the Day went to Elec 8T7, who, with no losses, did not advance to the semi-finals because of point differential.

After winning their respective semi-finals, Chem 8T6 and Eng Sci 8T7 squared off in an exciting final, with Eng Sci emerging victorious.

All participants agreed that the tournament was fun for winners and losers alike. Special thanks go to Mike, Martin and Dave who helped to referee the tourney.

—Dieter Gamm



FILL OUT AN S-POINT FORM!

You may be eligible for a Chenille "S"

Each sport you have played is worth a certain number of points. 15 or more points entitles you to a Skule letter.

So fill out the forms and return them to the EAA Office (Eng Soc SF B670) before Feb 14.

Details available in the Eng Soc.

The ENGINEERING ATHLETIC ASSOCIATION

proudly presents

THE ANNUAL

DANCE

DATE: Friday April 4th, 1986

PLACE: Great Hall, Hart House

TIME: 6:30 pm Cocktails
7:30 pm Buffet
8:30 pm Awards
9:30 pm Dancing

Skule men and women will receive awards for their athletic achievements

Complimentary buffet and dancing

Complimentary tickets available at the Engineering Stores

Hope to see you there for an enjoyable evening!

entertainment

A Visit To the Elm: Atmosphere and Eats

Here we go.

This is the place.

Yup, this is it.

Another satisfied customer.

By Tony Kasper

Nestled at the corner of Huron and Harbord is a gem of a restaurant, The Elm Flame Burger. The specialty of the house: char-broiled hamburgers at $1.75 a shot. We're not talking your pre-fab square or circular greaseburger. We're talking good old squish-the-ground-beef-with-your-hands-and-who-cares-if-it-doesn't-come-out-in-a-perfect-circle hamburgers.

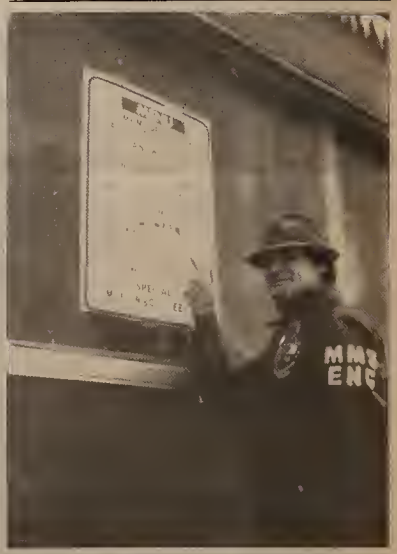
The atmosphere is great: neo-fifties post art-deco style. I'm told it's one of the last few remaining authentic diners left in Toronto. (Not like your wimpy Neon and $5 hamburgers from your Yorkville and Uptown places.) The ambience is so traditional (how traditional is it, Tony?) the CBC used it for filming scenes from *the Marriage Bed* , a made-for-TV special to be aired next December. The premises were also used to film scenes from the TV series "Longstreet". It also lays claim to being Toronto's first Diner Theatre in the summer of 1984.

The hamburgers are, as I said before, sans-grease and sans-prefab shape. They come with your basic slice of tomato, onions and pickle and are not overcooked.

The fries are thick and the onion rings are not lost in the batter (You know, onion rings from some places have so much batter that you can't find the onion.) . Neither are too crispy and both are served in good-sized portions.

For dessert, Sandy's home made apple crisp arrived hot with whipped cream. It wasn't too sugary, as you may know that some apple crisps are wont to be. It alone, is worth the walk to Harbord.

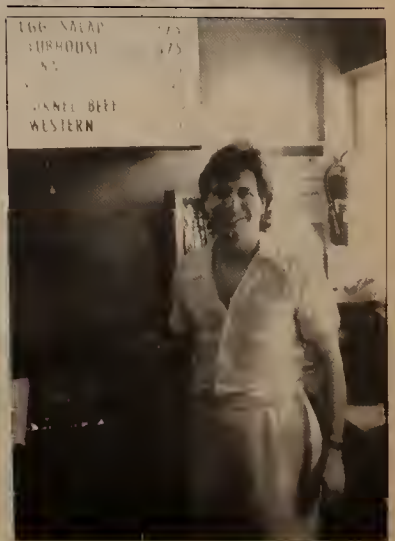
Anyway, we had a real good time, and we're goin' back real soon.



Mmmm, sure sounds temptin'!

Darn good eatin', too!

I can almost taste it now.



Gee, people sure are friendly here.

The Eating Counter

The first thing you notice about The Eating Counter on Baldwin Ave is the atmosphere — it's about 1.001 atm. I intended to dine with Max, but unfortunately I saw Luis and Eric (or rather they saw us) and we had to eat with them. It was rather embarrassing, as Luis brought in his own Coke. No class.

I ordered the fried noodle with assorted seafood (ooh, scary!) and the three others ordered the Beef with Mushroom (yawn).

The tea was served hot and fast. Unfortunately, it was too hot to drink.

All four dishes were piled high with food and none of us could finish our plates. The beef was typical: good, but plain, with lots of rice. My seafood was unique: the octopus (or so I was told) was almost palatable, even after it was identified. The shrimp were good, but there were not enough of them. The rest of the plate was good although I really wished I could identify more of my meal. The fried noodles were great, so I think I'll try another fried noodle dish next time.

Anyway, all in all it was a good meal: plentiful and cheap (less than $5.00 per person).

"Gee, if we'd only known..."

Well, now you have no more excuses because, here it is, the lunchtime concert line-up for the SF Caf.

Feb 12th — Etobicoke Collegiate Senior Band
Feb 19th — Toronto Symphony
Feb 26th —Thorold High School Stage Band

The Leaving Class Pledge

In 1984, the Executive of the Graduating Class adopted the idea of saying "Thankyou" to Skule in a tangible way. They realized that their education had cost $12,000 per year per student and that then, as now, the undergraduates paid about 12% of that. They knew that leaving classes in many Canadian schools, as well as all American universities, participate in a "Leaving Class Pledge". So why not initiate the idea at U of T? After all, Engineers always lead the way on this campus.

The result of their decision was that 8T4 pledged $10,000 over the years 1985 to 1987 towards your education, and 8T5 nearly as much. Now it's your turn.

The following is a quote from a letter sent by the President of the Engineering Society to all fourth years:

> We developed the $100 a year habit while we were here — let's keep it going!
>
> Consider the following:
> a) The $100 is a suggested amount. Any size gift helps.
> b) You may direct the money to your own department.
> c) Your first donation will not be until 1987.
> d) All donations are tax deductible.
> e) The pledge card is NOT a legal document. If you can't honour your pledge for reasons beyond your control, just do your best.

The students following in your footsteps will continue to need financial support in order to keep this the finest school of Engineering in Canada and one of the best in the world. The government has said that it can't give any more. Like alumni who have gone before, you, as graduate engineers, must come to the aid of Skule.

In 1985 the alumni raised nearly $400,000 to help you through. Wouldn't it be great if the class of 1986 set a new record in pledges? The Engineeriong Alumni Association feels strongly enough about this idea, that thewy have oftered a case of "bubbly" to be presented at the Grad Ball to the class that pledges the most PER CAPITA. Your club chairman will distribute pledge cards in early March, to be collected by March 20th.

More Letters

Cont. from page 3

seemed to be that "VP Services has a nice ring to it".

You failed, in your enthusiasm, to even try to address the implications of such an "earth-shattering brainstorm". The first question which comes to one's mind is what would happen to the SAC Services Commissioner?

Would his portfolio effectively be reduced to that of a gofer for the VP Services? Who would assume the responsibility for the Services Commission? I suspect that with the consolidation of the Executive, it would take at least a few years as a necessary condition to observe the effect of the reorganization on the Services Commission and its Commissioner. At best, Mr Editors, you are ahead of your time.

Such a radical change of Executive structure at SAC should be allowed to have its effects mature before they are analyzed. This prerequisite of evolution and maturing should take place before experimenting with the idea of two executive members in charge of services.

That is, inter alia, merely the technocratic side of the question. Editors, you were negligent in assessing the logic of empire-building in the services department whilst other departments of SAC are becoming bureaucratically leaner.

Name withheld

Engineering Society Election Rules

1. Election Week shall be the first full week of March (March 3-7, 1986).
2. Nominations shall be open at 9:00 am on the second Monday of February (February 10, 1986) and close at 12:00 noon on the Friday (February 28, 1986) immediately preceding Election Week.
3. Each candidate shall present a nomination form containing the signatures of twenty-five (25) Society Members, an acceptance of nomination, and a bond of $10.00. The bond shall be returned if the candidate withdraws with good cause or is not disqualified.
4. Campaigning shall not commence until 9:00 am on the Monday of Election Week and shall close at 8:00 am on the Thursday of Election Week, with the exception of erecting posters during non-polling hours.
5. Each candidate's name may appear on a maximum of two hundred (200) posters of maximum size 8.5 inches by 11 inches. Posters associated with a candidate or in any way related to the candidate's election campaign must clearly bear the name of the candidate.
6. Each candidate may post up to two (2) banners, total maximum area of four (4) m^2.
7. Posters and banners shall not be erected in the Engineering Society Office or the Engineering Stores, excepting posters erected by the Chief Returning Officer (CRO) for the purpose of advertising the elections.
8. Posters and banners may remain erected from commencement of campaigning until 5:00 pm on the Saturday of Election Week.
9. The CRO shall have sole authority to advertise Election Week.
10. The Society shall reimburse expenses of up to $15.00 per candidate, provided that the candidate receives over 10% of the votes cast for his election and receipts are provided.
11. The polls shall be open from 9:00 am to 5:00 pm on the Thursday and Friday of Election Week.
12. Except for the purpose of personally casting a ballot, candidates may not linger in the vicinity of the polling station.
13. Elections shall be held by secret ballot. Candidates will be listed by sought position in alphabetical order of surname. Balloting procedure will be posted at the polling station.
14. Each candidate may have one scrutineer present when the ballots are being counted. Counting of ballots will be conducted on the Friday of Election Week after polls close. Once the ballot boxes have been unsealed, no person shall leave the counting room until the final results have been tabulated. The official results must be posted in the Engineering Society Office by 5:00 pm on the Monday following Election Week.
15. Each candidate shall be personally responsible for the conduct of his campaign and his committee. The Society shall not accept liability for any actions of the candidates or their committees.
16. The CRO and two Deputy Returning Officers (DRO) appointed by Council shall be responsible of enforcing the rules as stated. Punitive actions which could be taken are:
    (1) warning the offending candidate
    (2) disqualification (if the candidate is deemed, by the CRO and at least one of the two DROs, to be in persistent or flagrant violation of election proceedings.)
17. A disqualified candidate shall not be permitted to run in a by-election for the same position, should the vote be declared invalid. Any complaint regarding election procedural irregularities shall be made in writing to the CRO within 24 hours after the posting of election results. A written reply by the CRO shall be made no later than 5:00 pm on the day following the date of the complaint.
18. Complaints about the work of the CRO may be brought before the Engineering Society Council.
19. All appeals of the decisions of the CRO must be presented to the Engineering Society Council. This meeting of Council shall be held no later than the Friday following Election Week. Appeals of the decisions of the CRO may be made only by a candidate.
20. Other than through personal campaigning, class visits, posters and banners as specified above, and the statement in the election issue of *the Cannon*, there shall be no other forms of campaigning through printed or electronic media. No material of a sexist or obscene nature shall be used.

You've made the light move.
Now make the right move.
AMSTEL
light
It's here.
New Amstel Light.
The light beer with full European style and taste.
You've made the light move. Now make the right move.
Move up to where the taste is... Amstel Light. At regular beer prices.
At regular beer prices.